ODS 987

OBSTRUCTION DATA SHEET

ODS 987
WICHITA MID-CONTINENT AIRPORT
WICHITA, KANSAS

DIGITIZED FROM

OC 987
SURVEYED NOVEMBER 1988
9TH EDITION

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C 55.411/3:

OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA Nr. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS (and OC) depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)

2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows (see footnote 2 on page 3):

A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C .... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D .... Nonutility runway - nonprecision instrument approach with visibility minimums as low as 3/4 mile
PIR ...... Precision instrument runway
SUPLC ... Supplemental C underlying a B(V)

FAR-77 imaginary surface dimensions are defined on page 2 of this report.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.

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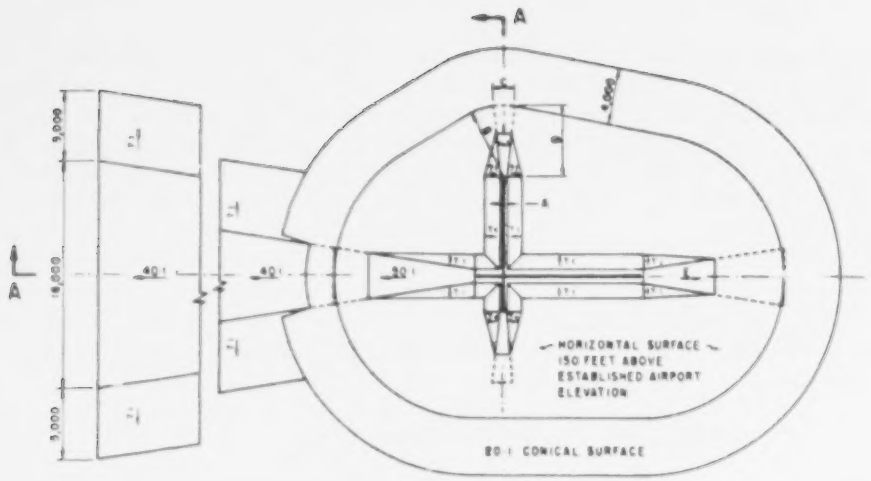
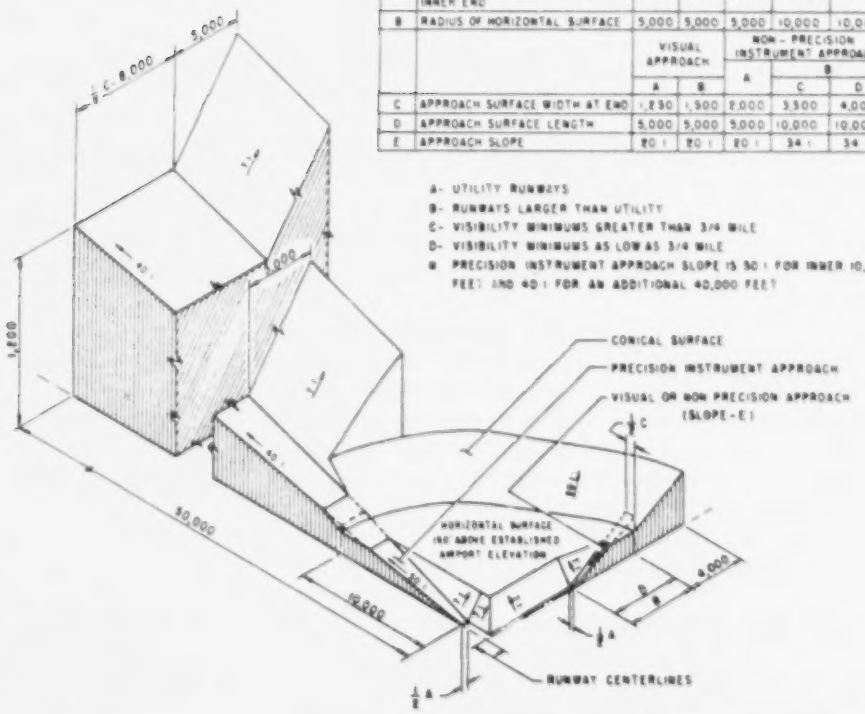


DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
					C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X[1] X[2] XXXX/XXXX[3] XXXXXX.XXX[4] XXXXXXX.XXX[4] XXXXXXX[5] XXXX/XXXX[6] XXXXXX.XXX[7] XXXXXXX.XXX[7]

OBJECT	LAT	LONG	A[8]	ELEV[9]	AGL[10]	HAR[11]	HAT[11]	HAA[11]	DEND[12]	DTHR[12]	DCLN[12]	PNTR[13]
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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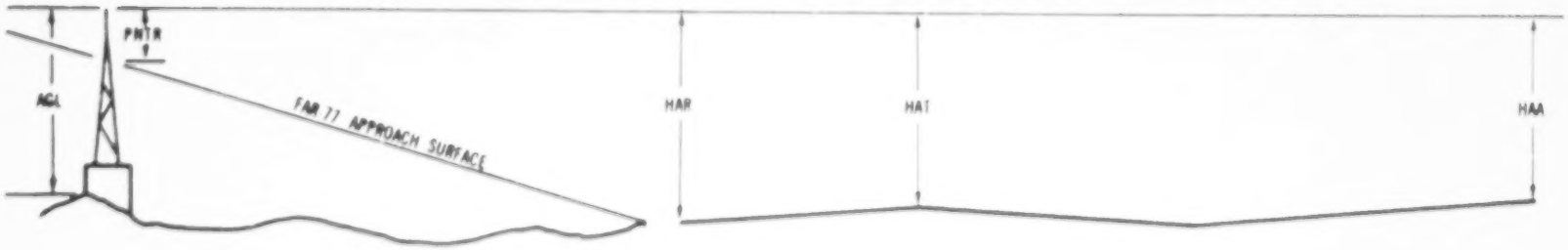

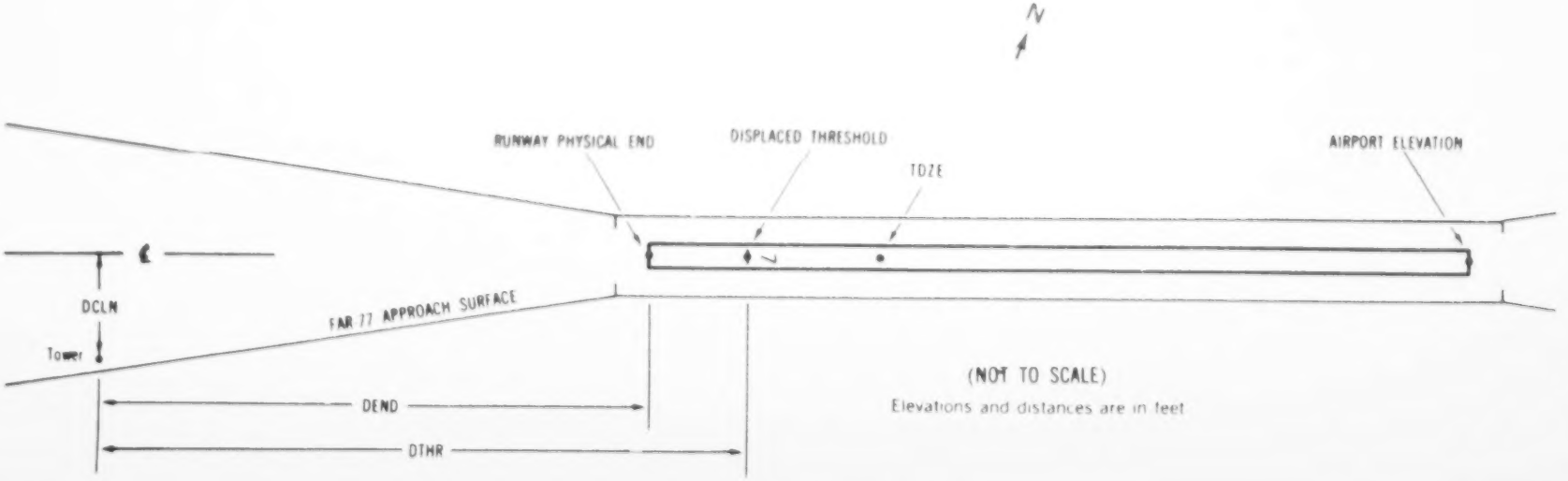

(NOT TO SCALE)

Elevations and distances are in feet

EXPLANATION OF FOOTNOTES

[1] Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary area of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.

[2] For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)

[3] Reference runway approach physical end elevation/touchdown zone elevation

[4] Latitude and longitude of reference runway approach physical end

[5] Reference runway geodetic azimuth reckoned clockwise from south

[6] Reference runway displaced threshold elevation/touchdown zone elevation

[7] Latitude and longitude of reference runway displaced threshold

[8] Accuracy Code:

Horizontal	Vertical
1 = 20	A = 2
2 = 40	B = 5
	C = 20

[9] Mean Sea Level (MSL) elevation at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.

[10] Height above ground level (AGL). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ±10 feet.

[11] HAA - Height above airport
HAR - Height above reference runway approach physical end
HAT - Height above reference runway touchdown zone elevation

[12] DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft.

A negative value for DEND or DTHR indicates object is in primary area on roll-out side of zero distance point.

[13] PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

OC0987

AIRPORT ELEVATION 1332

1L PIR 1312/1314 373806.030N 0972644.405W 1995929

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON OL TRANSMISSOMTR	373936.42	0972609.74	1A	1344		32	30	12	-9545		506L	15
OL GLIDE SLOPE	373933.79	0972609.54	1A	1374		62	60	42	-9301		400L	45
ROD ON OL TRANSMISSOMTR	373856.64	0972627.23	1A	1339		27	25	7	-5283		452L	17
ROD ON OL TRANSMISSOMTR	373854.32	0972627.50	1A	1339		27	25	7	-5055		392L	18
ANEMOMTR ON EQUIPMNT BOX	373849.90	0972626.89	1A	1329		17	15	-3	-4652		193L	9
OL WINDSOCK	373816.69	0972642.42	1A	1322		10	8	-10	-1068		219L	10
OL GLIDE SLOPE	373816.67	0972644.83	1A	1365		53	51	33	-1000		400L	53
ANTENNA ON BUILDING	373756.67	0972645.67	1A	1328		16	14	-4	924		228R	2
OL ON LOCALIZER	373755.34	0972649.29	1A	1328		16	14	-4	1150		0L	-3
ANTENNA ON BUILDING	373753.89	0972646.67	1A	1334		22	20	2	1216		249R	2
ROAD (N)	373752.11	0972641.88	1A	1329		17	15	-3	1254		672R	-4
ROAD (N)	373756.21	0972657.57	1A	1335		23	21	3	1295		655L	1
RAILROAD	373750.96	0972642.16	1A	1335		23	21	3	1370		691R	0
ROAD (N)	373749.89	0972651.58	1A	1332		20	18	0	1731		16R	-11
RAILROAD	373748.71	0972652.13	1A	1340		28	26	8	1858		15R	-5

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AIRPORT ELEVATION 1332

19R PIR 1329/1329 373941.720N 09726 0.616W 0195955

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL GLIDE SLOPE	373816.67	0972644.83	1A	1365		36	36	33	-9300		400R	53
OL WINDSOCK	373816.69	0972642.42	1A	1322		-7	-7	-10	-9231		219R	10
ANEMOMTR ON EQUIPMNT BOX	373849.90	0972626.89	1A	1329		0	0	-3	-5648		193R	9
ROD ON OL TRANSMISSOMTR	373854.32	0972627.50	1A	1339		10	10	7	-5245		392R	18
ROD ON OL TRANSMISSOMTR	373856.64	0972627.23	1A	1339		10	10	7	-5017		452R	17
OL GLIDE SLOPE	373933.79	0972609.54	1A	1374		45	45	42	-999		400R	45
ANT ON OL TRANSMISSOMTR	373936.42	0972609.74	1A	1344		15	15	12	-754		506R	15
OL ON LOCALIZER	373948.22	0972557.64	1A	1329		0	0	-3	700		0R	-10
ROAD (N)	373954.73	0972603.18	1A	1347		18	18	15	1166		644R	-1
ROAD (N)	373954.74	0972554.57	1A	1338		9	9	6	1403		6L	-15
TREE	373959.92	0972601.63	1A	1356		27	27	24	1702		706R	-3
SIGN	374005.08	0972539.52	1A	1374		45	45	42	2800		786L	-7

1R PIR 1320/1320 373833.908N 0972533.448W 2000019

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL POLE	373933.96	0972500.34	1A	1341		21	21	9	-6618		424R	22
OL ON MLSEL	373932.16	0972501.49	1A	1333		13	13	1	-6416		399R	14
EQUIPMENT BOX	373932.17	0972503.91	1A	1323		3	3	-9	-6350		216R	4
OL GLIDE SLOPE	373842.60	0972523.52	1A	1354		34	34	22	-1099		450R	34
OL ON DME/P	373822.37	0972536.08	1A	1337		17	17	5	1169		201R	-2
OL ON EQMNT BOX AT MLSAZ	373823.05	0972538.42	1A	1328		8	8	-4	1169		0L	-11

AIRPORT ELEVATION 1332

19L PIR 1319/1319 373941.738N 09725 2.385W 0200038

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL GLIDE SLOPE	373842.60	0972523.52	1A	1354		35	35	22	-6202		450L	34
EQUIPMENT BOX	373932.17	0972503.91	1A	1323		4	4	-9	-952		216L	4
OL ON MLSEL	373932.16	0972501.49	1A	1333		14	14	1	-886		399L	14
OL POLE	373933.96	0972500.34	1A	1341		22	22	9	-683		424L	22
ANT ON BUILDING AT DME	373952.00	0972501.64	1A	1336		17	17	4	996		299R	1

14 C 1332/1332 373927.129N 0972623.090W 3295950

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	373927.46	0972627.35	1A	1336		4	4	4	200		280R	4
TREE	373941.40	0972635.81	1A	1354		22	22	22	1761		164R	-24

32 PIR 1321/1321 373833.178N 0972543.918W 1500014

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	373927.46	0972627.35	1A	1336		15	15	4	-6501		280L	4
OL ON EQMNT BOX AT MLSAZ	373823.05	0972538.42	1A	1328		7	7	-4	1108		130L	-11
OL ON DME/P	373822.37	0972536.08	1A	1337		16	16	5	1262		1L	-5

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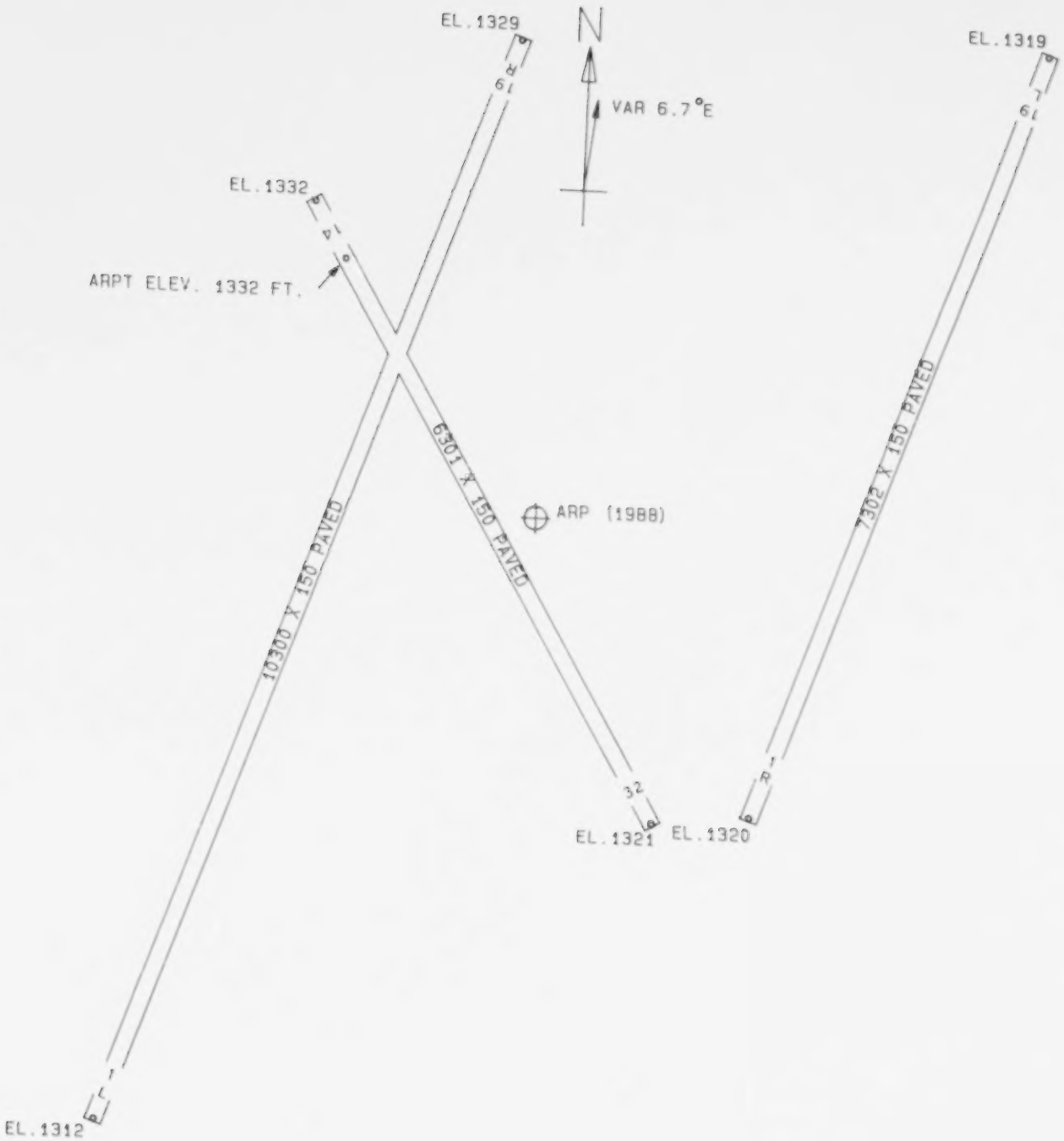
AIRPORT ELEVATION 1332

ARP 373859.791N 0972557.770W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
ANTENNA ON OL ANEMOMETER	373848.63	0972545.36	1A	1353		21	131 48	1507
ANTENNA ON CONTROL TOWER	373911.67	0972536.97	1A	1446		114	47 37	2059
OL ON WINDSOCK	373856.19	0972532.16	1A	1342		10	93 19	2091
ANTENNA ON TOWER	373836.00	0972607.50	1A	1394		62	191 19	2530
ANTENNA ON RTR TOWER	373900.48	0972632.46	1A	1392		60	264 43	2791
ANTENNA ON RADAR DOME	373915.42	0972634.50	1A	1427		95	291 27	3350
OL HANGAR	373923.44	0972528.58	1A	1354		22	37 45	3352
OL HANGAR	373927.65	0972526.16	1A	1354		22	35 21	3795
ANTENNA ON OL ASR TOWER	373902.27	0972502.28	1A	1358		26	80 5	4470
OL HANGAR	373935.12	0972523.19	1A	1354		22	31 11	4528
OL HANGAR	373943.25	0972519.50	1A	1354		22	28 18	5366
POLE	373955.56	0972604.20	1A	1363		31	348 4	5665
OL AIRPORT BEACON	373953.64	0972532.67	1A	1386		54	13 38	5809
TREE	373815.73	0972648.55	1A	1365		33	215 49	6046
TREE	373937.01	0972457.65	1A	1323		-9	45 23	6128
FLOODLIGHT ON HANGAR	373947.17	0972509.63	1A	1336		4	32 14	6161
TREE	373803.61	0972637.53	1A	1347		15	202 40	6520
POLE	373955.32	0972505.67	1A	1352		20	30 1	7008
OL TANK	373812.63	0972441.83	1B	1404		72	121 17	7750
TREE	373749.72	0972638.20	1A	1363		31	197 57	7798
TREE	373757.56	0972659.17	1A	1361		29	211 25	8000



TOUCHDOWN ZONE RUNWAY	ELEVATION
1L	1314
19R	1329
1R	1320
19L	1319
14	1332
32	1321

WICHITA MID-CONTINENT AIRPORT

WICHITA, KANSAS

(NOT TO SCALE)